INSTALLATION ENGINEERING

I. INSTRUMENT
A. Name STEREO ~~WIRE~~ Chip Comparator
B. Manufacturer [redacted] STAT
C. Contract Number _____

II. PHYSICAL FEATURES
A. Number of Component Parts _____
B. Dimensions of the Largest Component Part:
Length _____ Ft. 37 In. Height _____ Ft. 47 In.
Width _____ Ft. 45 In.
C. Weight of Largest Component Part _____
D. Total Weight of Instrument 1500# estimate
E. Overall Dimensions Assembled:
Length _____ Ft. _____ In. Height _____ Ft. _____ In.
Width _____ Ft. _____ In.
F. Type of Base of Mount:
Flat ✓ Three Point Suspension _____ Four Point Suspension _____
G. Does Instrument have built-in mobility? NO
H. Is the instrument particularly sensitive to vibration? YES
I. Are any special or unusual tools or fixtures necessary or adviseable for the installation or maintenance of this equipment? NO

III. UTILITIES

A. Electrical:	AC	DC
Voltage	____ Volts ± ____ Volts	_____
Current	30 Amps	
Frequency	____ cps	Standard 30 amp outlet -
Nr. of phases	_____	Building circuit.
Nr. of wires	_____	
Power required by equipment	____ Watts	____ Watts

Type of outlet required: Two Prong _____, Three Prong _____
Twist Lock _____, Permanent Installation _____

Should the equipment be shielded, either from external electromagnetic signals, or to prevent interference with other equipment?

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B. Air Conditioning:
Room temperature std Humidity std.
Output of Instrument _____ BTU/Hr.
If air must be filtered, what is maximum permissible particle size in microns? _____ What particle count? _____ particles per cubic foot.
Direct connection to instrument? Yes _____ No _____
If yes to above, what is the desired air temperature to instrument?
_____
Should discharged air be ducted separately? _____
Is discharged air noxious? _____ toxic? _____
Connector size to instrument _____

C. Plumbing: RECIRCULATING ADDING ONLY FOR EVAPORATION
Is water required for the instrument? Yes ✓ No _____
Water pressure _____ Flow in GPM _____
Type of water desired:
Tap _____ °F ± _____ °F Internal to machine
Tempered _____ °F ± _____ °F
Deionized _____ °F ± _____ °F
Filtered _____ °F ± _____ °F Particle size and count per unit volume.
Type of pipe required:
Galvanized _____ Copper _____
Stainless Steel _____ Plastic _____
Is floor drain required? Yes _____ No _____
Diameter of drain _____ Galvanized drain _____
Plastic drain _____ Glass drain _____

D. Compressed Air: NO
Diameter of connectors _____ Type of connectors _____
PSI _____ Water free? _____
CFM _____ Oil free? _____

E. Vacuum: SELF CONTAINED
Is vacuum required? Yes _____ No _____
Vacuum required _____ PSIA or _____ (inches) (millimeters) of Hq
Displacement _____ CFM _____

IV. REMARKS

In the event additional space is required for environmental conditions or utilities not mentioned above, use the reverse side of this form.